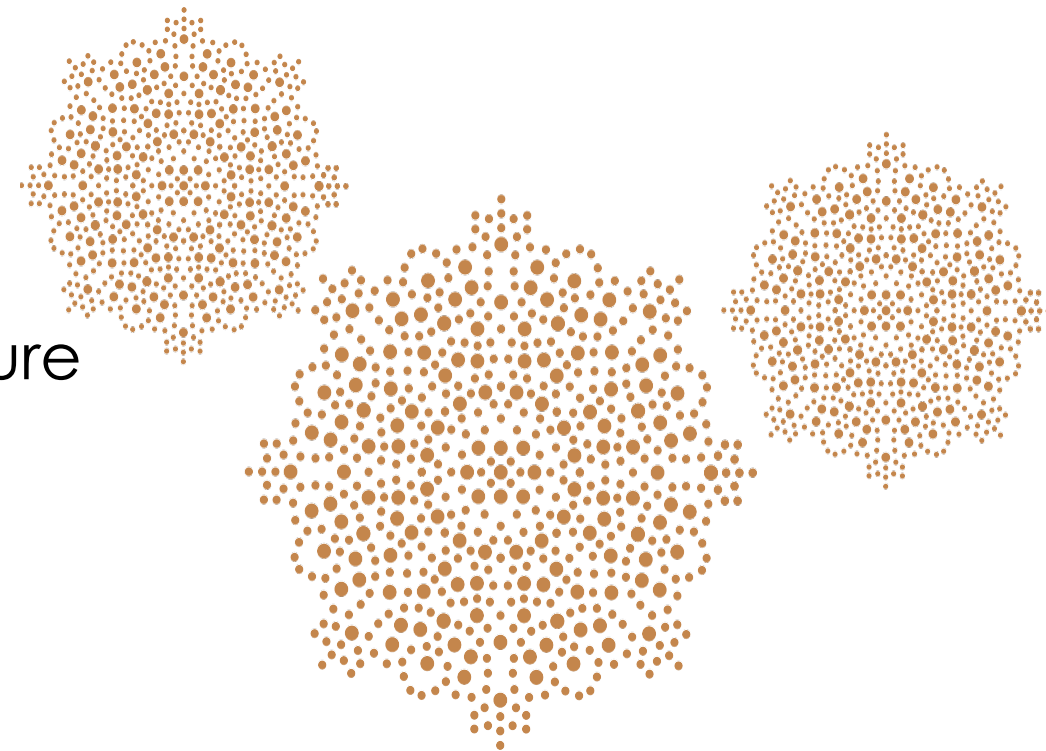


# Sweeper application

**ARCHER HUMPHRYES** ARCHITECTS

3. Metal Ceiling support sub-structure





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Do not scale from this drawing, use figured dimensions only.

All fixings shown indicatively,  
TBC on site.

- All lighting by others.

Notes:

Unless stated otherwise this drawing has been drawn in millimeters

PLEASE READ IN  
CONJUNCTION WITH L&R  
DRG NO 2109.006 SHEET 03  
FOR FURTHER DETAILS.

BUBBLED DIMENSIONS  
APPROXIMATE

ALL OTHER DIMENSIONS  
AS PER L&R SURVEY.  
MEASUREMENTS TAKEN  
FROM CENTRE LINE OF  
DOOR AND CENTRE LINES  
OF EXISTING STEELS.

ey:

Fibrous



Ply By Others

#### Plasterboard By Others

## Lighting By Others

## Joinery, Doors and Windows By Others

All joinery by others.

Wall build up & skirting  
by others.

Bubbled dimensions  
approximate.

FOR CONSTRUCTION

	Description	Date
	Drawing updated based on client comments. Issued <b>for construction</b> following status B approval.	28/09/2021
	Drawing updated based on L&R survey.	13/09/2021
	First issue	17/05/2021

project:

## 11 Foyer Elevations & Details

Wing No: 2109-006 | Sheet No: 01

Scale: AS      Rev: B

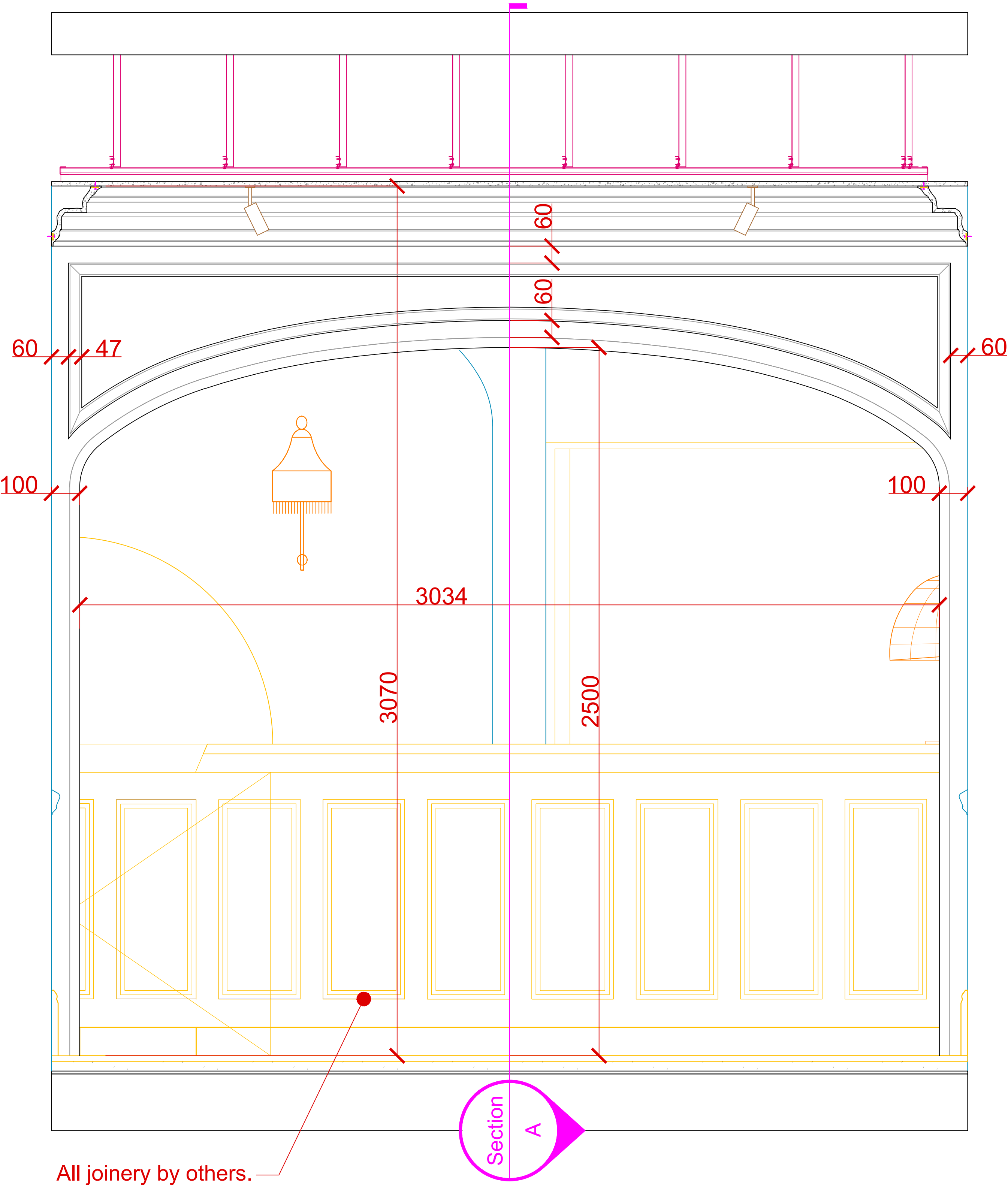
Designed by: SW

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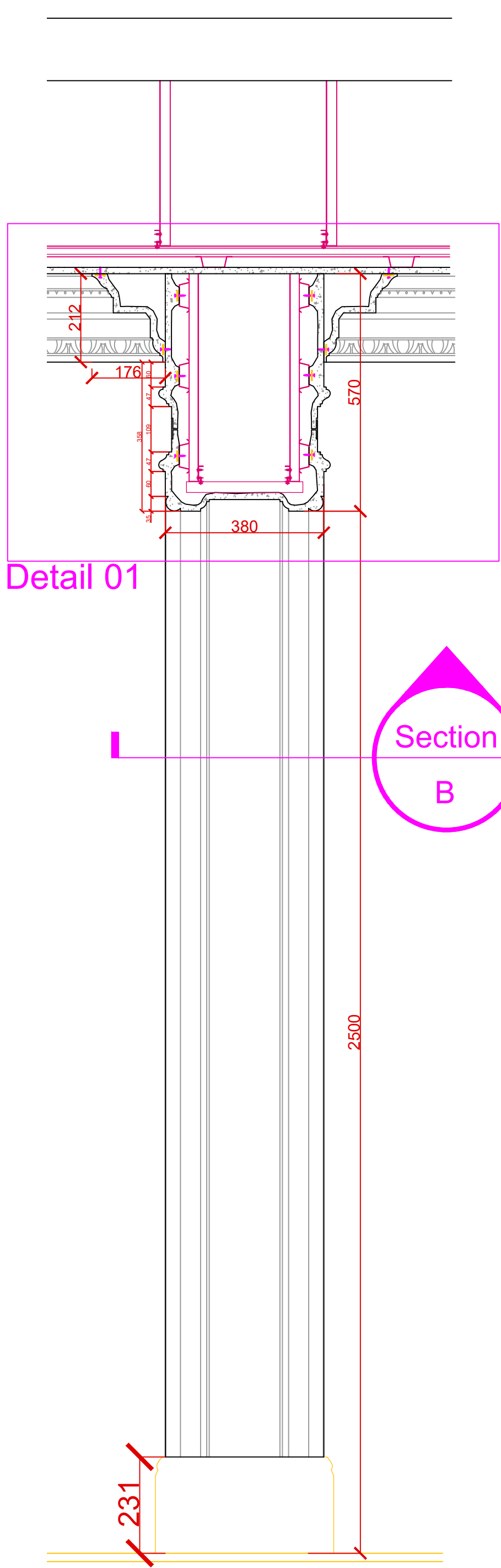
Locker & Riley (Fibrous Plastering) Ltd  
Capital House, 42-50 Bancrofts Road,  
South Woodham Ferrers, Chelmsford,  
Essex, CM3 5UQ  
Tel: 01245 322 022, Fax: 01245 322 033  
E-mail: [enquires@lockerandriley.com](mailto:enquires@lockerandriley.com)  
[www.lockerandriley.com](http://www.lockerandriley.com)



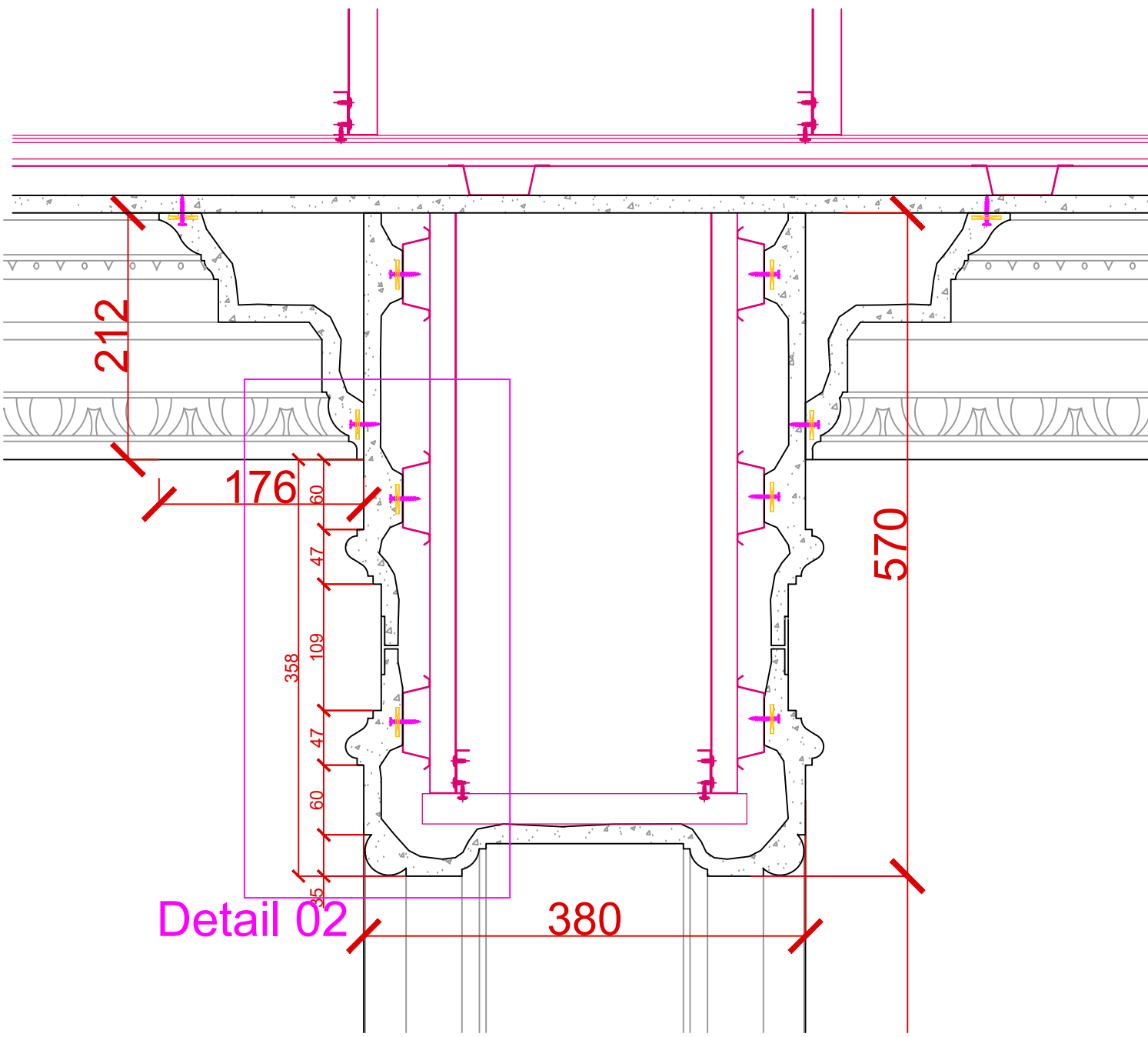
Elevation E-E/Spandrel Detail - 1:10@A0



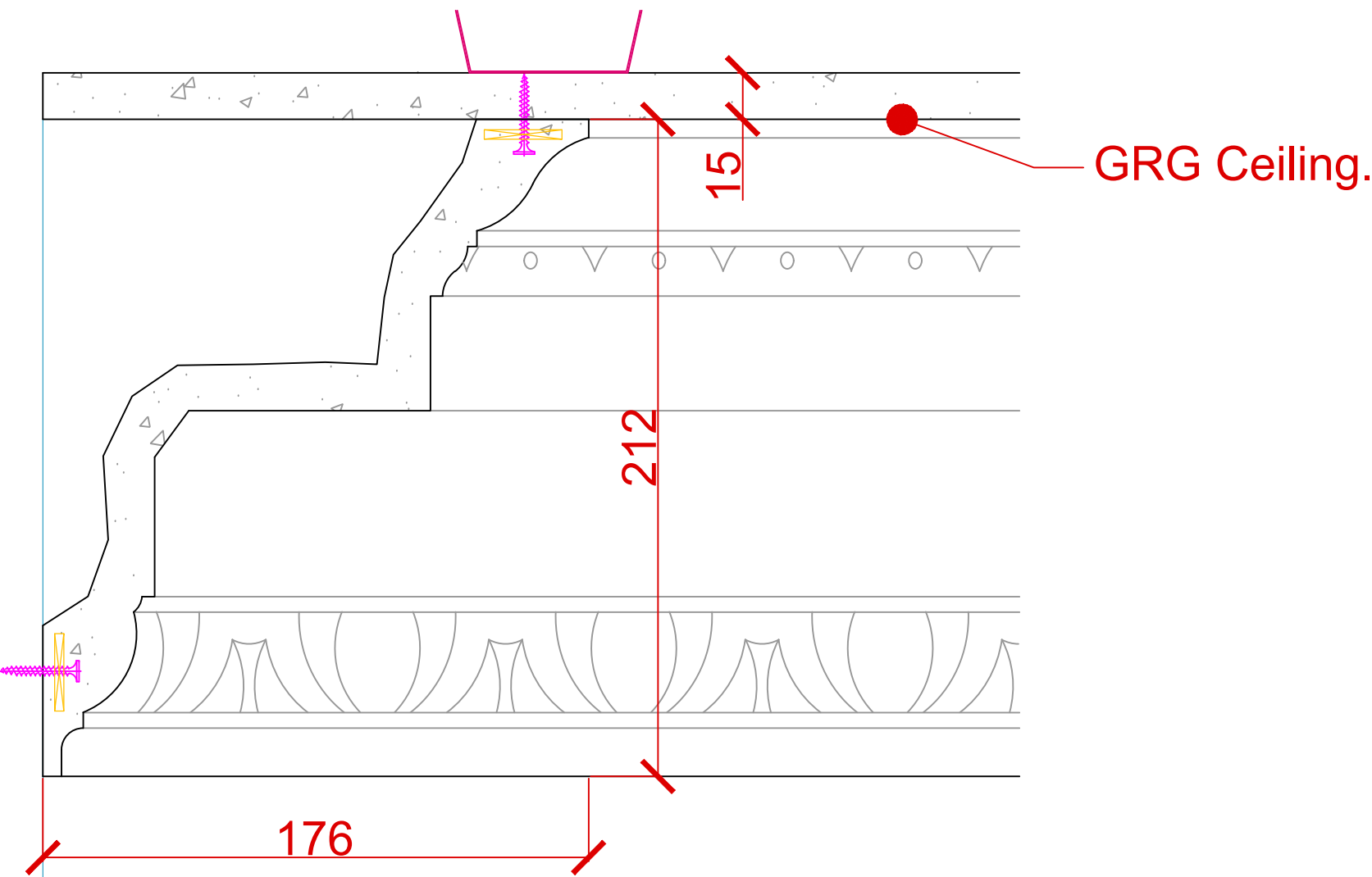
Section A-A - 1:10@A0



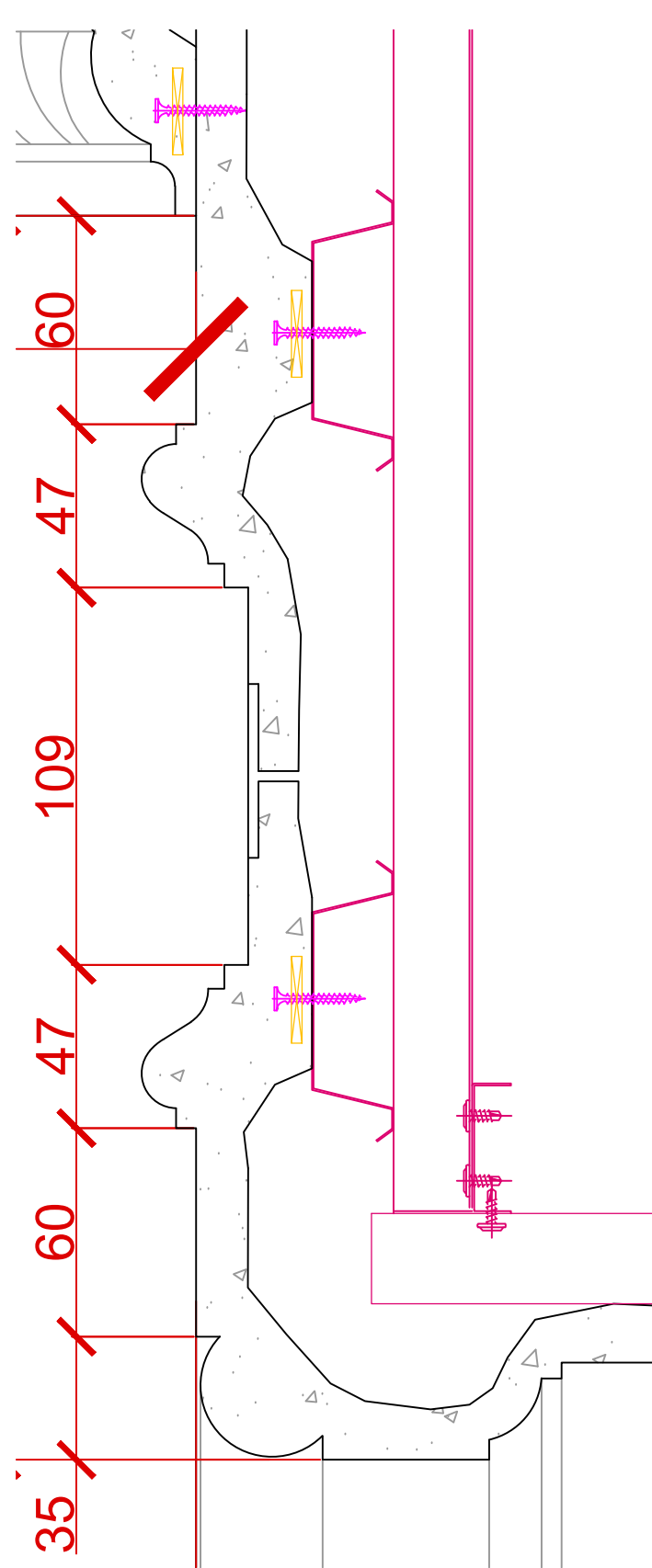
Detail 01 - 1:5@A0



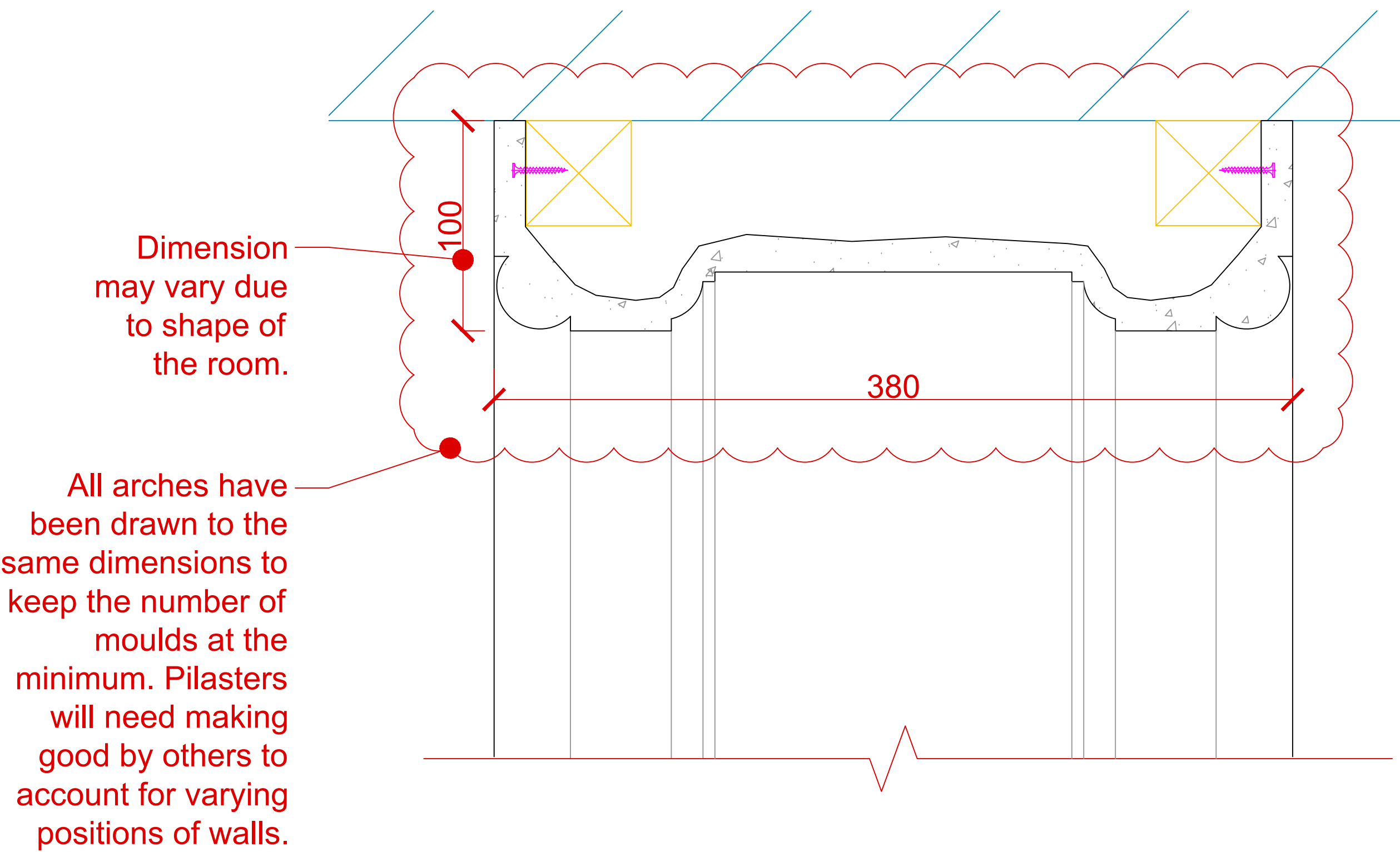
Cornice Profile - 1:2@A0



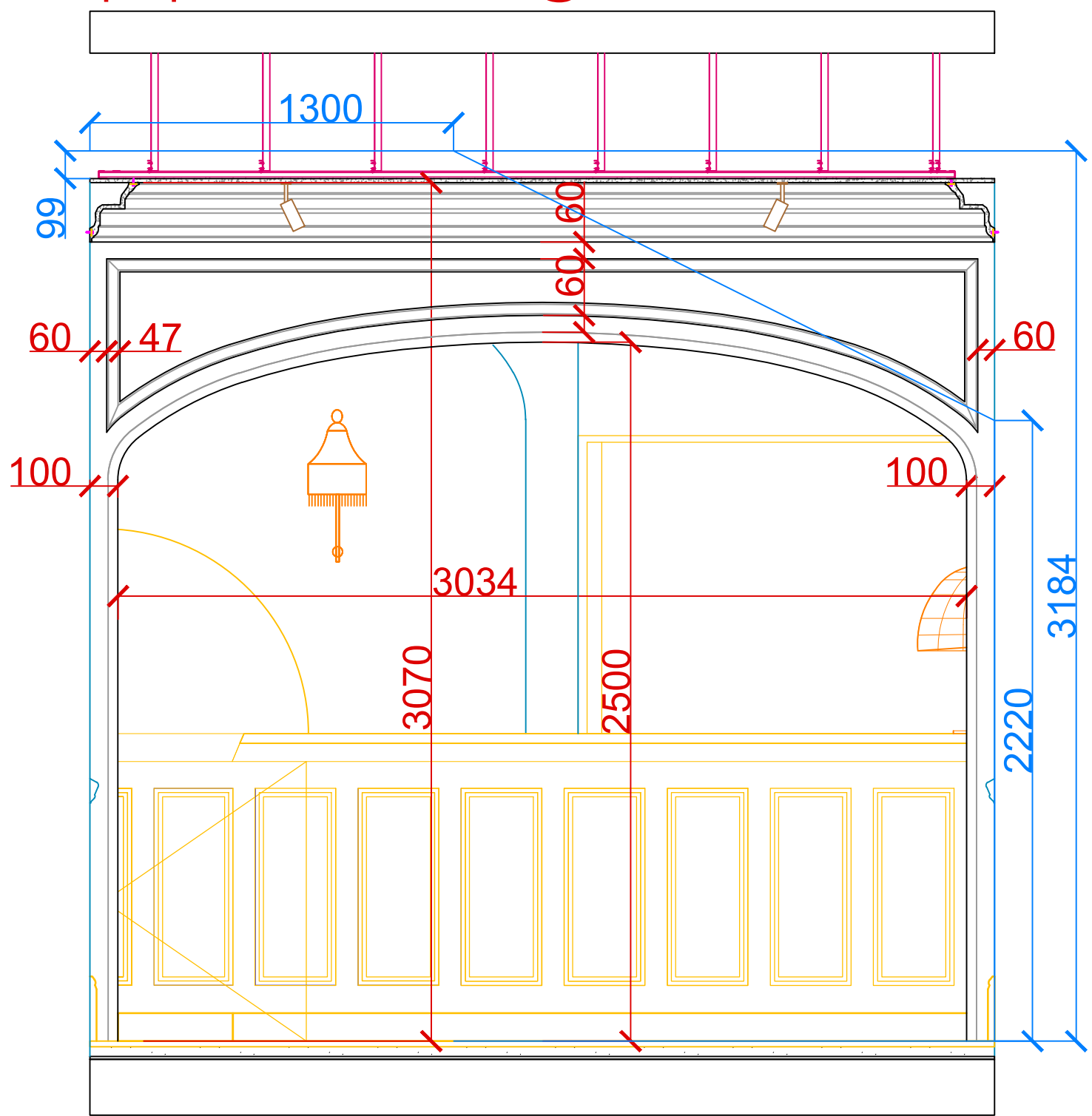
Detail 02 - 1:1@A0 (PD09)



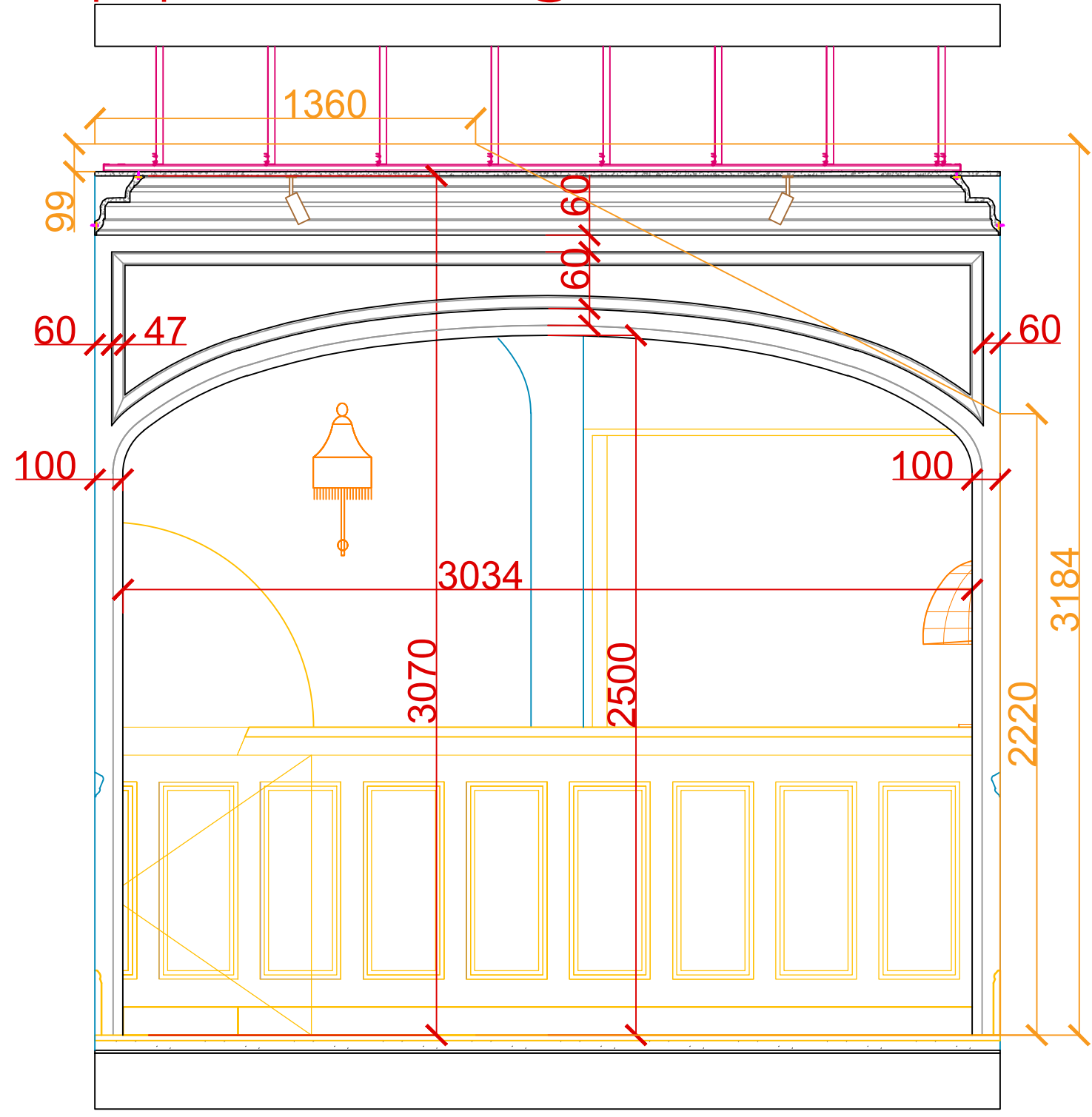
Section B-B - 1:2@A0



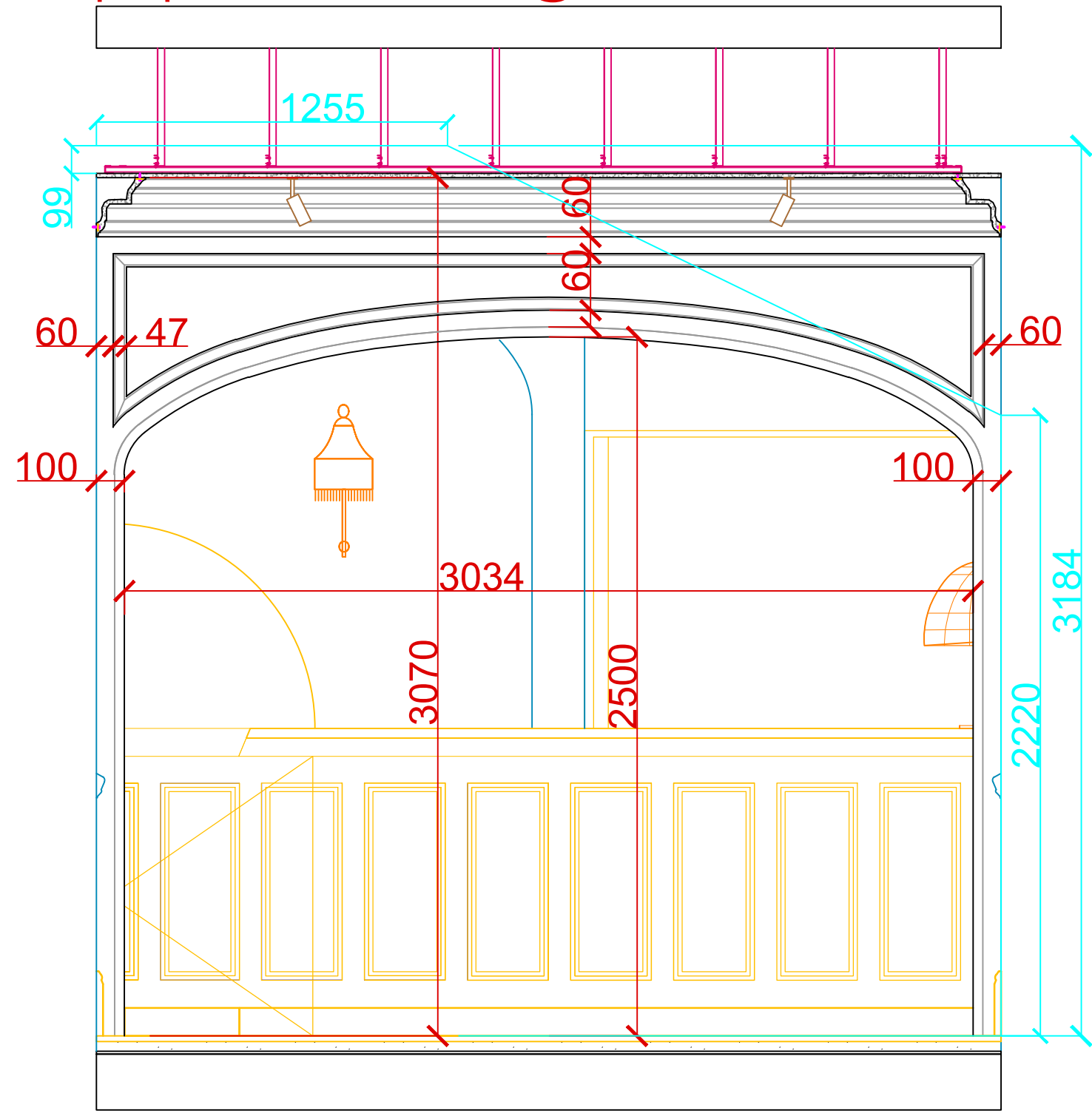
Beam 1 - Steel Positioning in relation to proposed arch - 1:20@A0



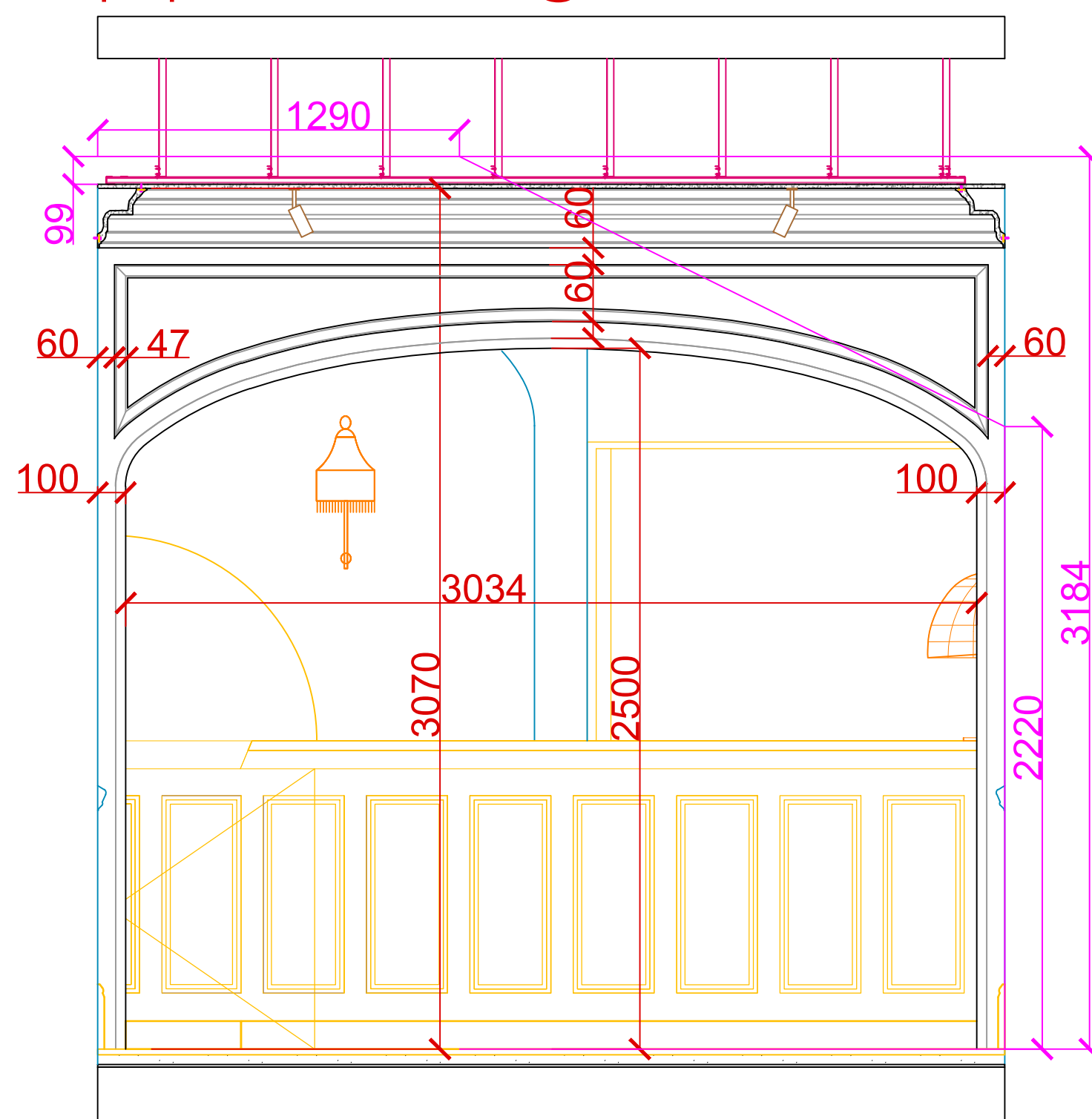
Beam 2 - Steel Positioning in relation to proposed arch - 1:20@A0



Beam 3 - Steel Positioning in relation to proposed arch - 1:20@A0



Beam 4 - Steel Positioning in relation to proposed arch - 1:20@A0



ALL STEEL POSITIONS AS PER SITE MEASUREMENTS.

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Notes:

1. Unless stated otherwise this drawing has been drawn to indicate

Room ref: G11 Foyer

PLEASE READ IN CONJUNCTION WITH L&R DRG NO 2109.006 SHEET 01 FOR ELEVATIONS & RCP.

BUBBLED DIMENSIONS APPROXIMATE

ALL OTHER DIMENSIONS AS PER L&R SURVEY. MEASUREMENTS TAKEN FROM CENTRE LINE OF DOOR AND CENTRE LINES OF EXISTING STEELS.

Key:

	Fibrous
	Ply By Others
	Plasterboard By Others
	Lighting By Others
	Joinery, Doors and Windows By Others

FOR CONSTRUCTION

Rev	Description	Date
B	Drawing updated based on client comments. Issued for construction following status B approval.	28/09/2021
A	Drawing updated based on L&R survey	13/09/2021
-	First Issue	17/05/2021

Project:

KOKO

Title:  
G11 Foyer Elevations & Details

Drawing No:2109-006.2 Sheet No: 02

Size: A0 Scale: AS Rev: B

Drawn by:EA Designed by:SW

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Locker & Riley (Fibrous Plastering) Ltd  
Capital House, 42-50 Bancrofts Road,  
South Woodham Ferrers, Chelmsford,  
Essex, CM3 5UQ  
Tel: 01245 322 022, Fax: 01245 322 033  
E-mail: enquires@lockerandriley.com  
www.lockerandriley.com



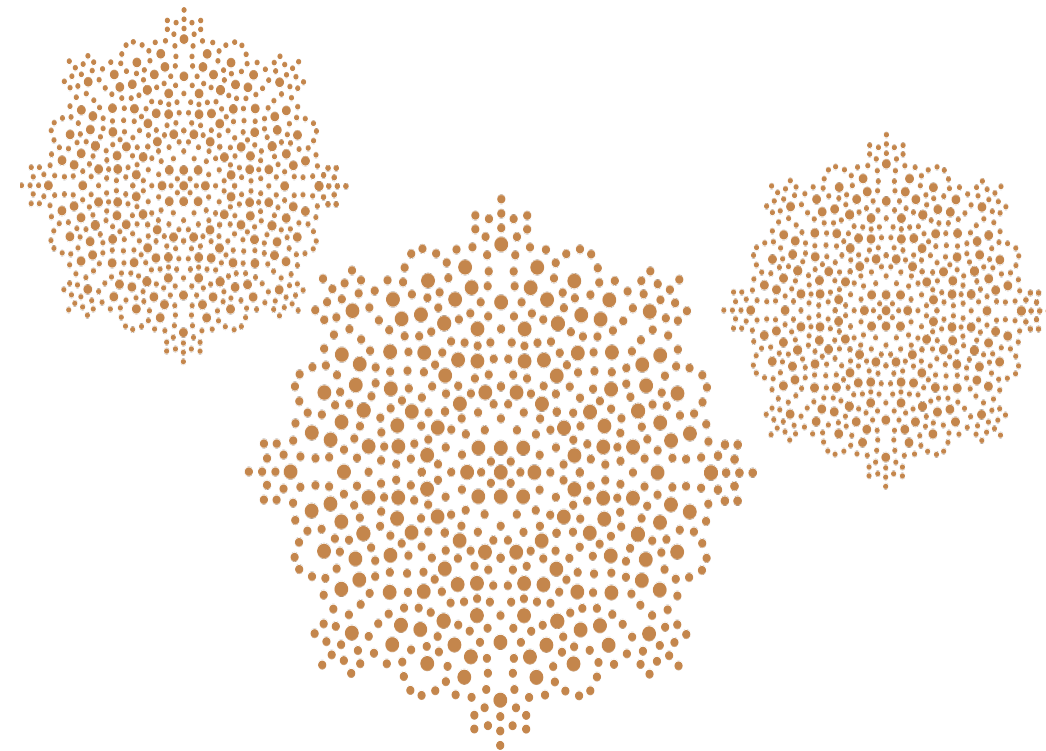
**Metal ceiling installed at ground floor level.**



# Sweeper application

**ARCHER HUMPHRYES** ARCHITECTS

## 4. Metal Ceiling sub-structure





## 1.12 - Foyer Bar - RCP and Details

RCP - NTS @ A1

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






Unless stated otherwise this drawing has been drawn in millimeters

Notes:

› L&R SURVEYED FROM METAL  
› WORK ONLY.

- All fibrous works have been drawn up from samples taken from site.
- Egg and Dart not balanced in the mitres.

Key:

	Timber By Others		Hardwall/Block Work By Others
	Ply By L&R		Ply By Others
	Fibrous By L&R		Plasterboard By Others
	Dimensions From Site Samples and Site Survey		Dimensions From Archer Humphreys DWG's, subject to site measure check
	Lighting By Others		

FOR COMMENT

Rev	Description	Date
-	First Issue	27/08/2021

Project:  
Koko Theatre

Title:  
1.12 - Foyer Bar - RCP and Details

Drawing No: 2109-005	Sheet No: 01
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Size: A0	Scale: AS	Rev: -
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Drawn by: JG	Designed by: SW
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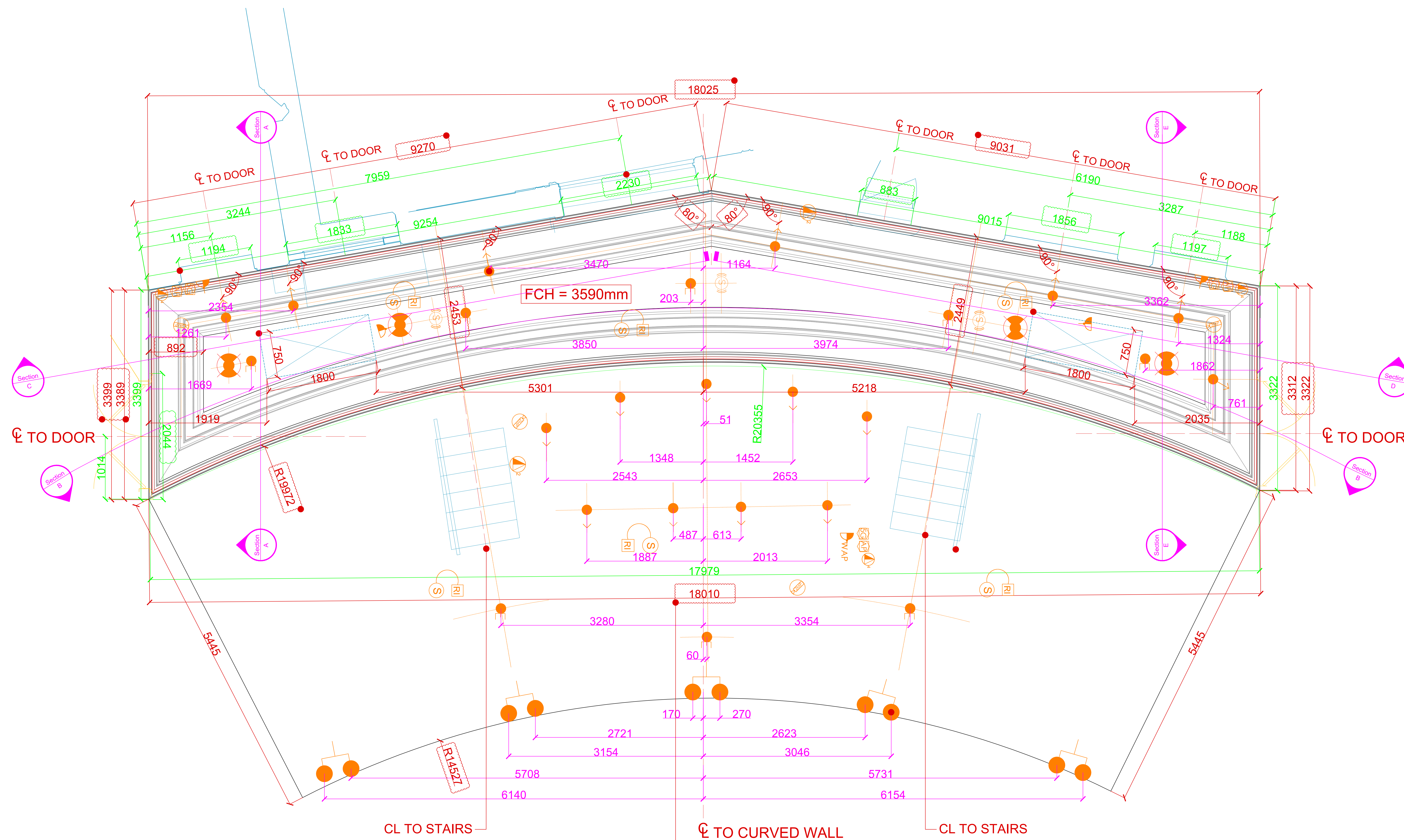
LOCKER & RILEY

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Locker & Riley (Fibrous Plastering) Ltd  
Capital House, 42-50 Bancrofts Road,  
South Woodham Ferrers, Chelmsford,  
Essex, CM3 5UQ

Tel: 01245 322 022, Fax: 01245 322 033

E-mail: [enquires@lockerandriley.com](mailto:enquires@lockerandriley.com)  
[www.lockerandriley.com](http://www.lockerandriley.com)



- RCP as per Site Survey
- dimensions not Archer
- Humphreys DWG. All site
- dimensions TBC prior to
- installation.



Metal ceiling installed at first floor level.



LOCKER&RILEY

Dear Sir/Madam,

**RE: MF Metal Grid Suspension**

Date: 15/10/2021

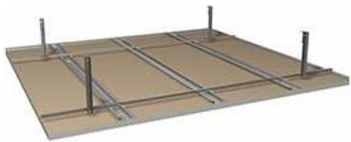
Please accept this letter as a description of the 'typical' MF metal grid suspension system we use to support our fibrous plaster ceilings, beam cases, cornices etc.

The type of fixing going into the structure is dependent on the 'make up' of the ceiling. We would generally use anchor bolts into concrete, wood screws into timber joists or chemical fixings into low quality concrete or clinker type ceilings.

For the ceilings in the Koko Theatre, we are using chemical fixings to support our fibrous plaster details.

- An 25x25mm metal angle is bolted to a chemical fixing into the clinker concrete ceiling at spacings of generally 800-1000mm.
- We then fix a 19x38mm Burgess metal channel into the side of the vertical hanging angle, using 13mm self-drilling tec screws.
- At 90° angle to the underside of the Burgess channel, we then fix the MF5 channel, again using 13mm self-drilling tec screws. The MF5 channels are set at 450mm centres.
- To the MF5 channels, we then screw our fibrous plaster sections.

Please see the image below to indicate the text above.



The above image reference is an exert from british-gypsum.com

As requested, we will issue the specifications for each metal component in due course. Please note that Locker & Riley (FP) Ltd do not manufacture their own metal support systems, these are produced by specialist manufacturing companies to British Standards and distributed through material suppliers. Locker & Riley (FP) Ltd do not provide metal suspension designs, as site conditions can and do vary, so fixings may also vary to suit site conditions at the time of installation.

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A method known as 'wire and wad' may also be incorporated to support fibrous plaster ceilings, beam cases, cornices etc. Once again, this is subject to site conditions at the time of installation. This is a process consisting of galvanised tying wire wrapped around the burgess channel (19mmx38mm) through the fibrous cast. Additional fibrous plaster coated hessian is then applied to the wire, giving it protection from heat/fire. See the fire rating document provided previously for details on fire rating of fibrous plaster. Please refer to the image below showing a 'typical' wire and wad scenario.



The image above is property of Locker & Riley (FP) Ltd.

Yours sincerely,

Locker & Riley (FP) Ltd.